```
pragma solidity ^0.5.3;
contract Global{
    //1 - blockhash
    function getBlkHash(uint _blockNumber) public view
returns(bytes32)
        return blockhash(_blockNumber);
    }
    //2 - block.coinbase
    function getMinAddr() public view returns(address payable){
        return block.coinbase;
    //3 - block.difficulty
    function getBlkGasLimit() public view returns(uint){
        return block.gaslimit;
    }
    //4 - block._blockNumber
    function getBlkNum() public view returns(uint){
        return block.number:
    }
    // 5- block.timestamp;
    function getBlkTS() public view returns(uint){
        return block.timestamp;
    //6 - gasleft
    function gasLeft() public view returns(uint256){
        return gasleft();
    }
    //7 - msg.data
    function getMsgData(bytes memory _var1) public pure returns(bytes
memory){
        _var1 = 'a';
        return msg.data;
    }
    //8 - msq.sender
    function getMsgSender() public view returns(address){
```

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return msg.sender;
   }
   //9 - msq.siq
    function getMsgSig() public pure returns(bytes4){
        return msg.sig;
   }
   //10 - msg.value
   function setMsgValue() public payable returns(uint){
        return msg.value;
   }
   //11 - now
   function getBlkTSNow() public view returns(uint){
        return now;
   //12 - tx.gasprice
   function getGasPrice() public view returns(uint){
        return tx.gasprice;
   }
   //13 - tx.origin
   function getOriginAddr() public view returns(address){
        return tx.origin;
   }
   // Mathematical & Cryptographic functions
   //14 - addmod = (3+5) % 6 = 8 % 6 = 2
   function getAddMod(uint x, uint y, uint k) public pure
returns(uint){
        return addmod(x,y,k);
    //15 - mulmod = (3*5) % 6 = 15 % 6 = 3
       //14 - addmod
    function getMulMod(uint x, uint y, uint k) public pure
returns(uint){
        return mulmod(x,y,k);
   }
   //16 keccak256
   function getKaccak256(bytes memory _input) public pure
returns(bytes32 _output){
        return keccak256(_input);
   }
```

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//Contract related
    //17 - this
    function getThis() public view returns(uint){
        return address(this).balance;
    //18 - selfdestruct
    function setDestructContract(address payable _address) public{
        selfdestruct( address);
    }
    //ABI functions
    //19 - abi.encode
        //- ABI functions
    //19 - abi.encode
    function getAbiEncode() public pure returns(bytes memory){
        return abi.encode("abc", "def");
    //20 - abi.encodePacked
    function getAbiEncodePacked() public pure returns(bytes memory){
        return abi.encodePacked("abc", "def");
    }
    function getKeccak256AEP() public pure returns(uint){
        return uint(keccak256(abi.encodePacked("abc", "def")));
    }
}
```